Starships D6 / Sienar-Jaemus Army Systems



Name: Sienar-Jaemus Army Systems AAL-1971/9.1 Troop Transport
Type: Troop transport
Scale: Starfighter
Length: 17.83 meters
Height/depth: 3.72 meters
Skill: Space Transports - Atmospheric Assault Lander
Crew: 1 Pilot + 1 Gunner
Passengers: 20
Crew Skill: Space Transports 5D, Starship Gunnery 4D+2, Starship Shields 4D
Consumables: 1 Week
Cargo Capacity: 30 Tons
Hyperdrive Multiplier: No
Hyperdrive Backup: n/a
Nav Computer: No
Space: 6
Atmosphere: 300;90kmh
Maneuverability: 2D
Hull: 4D
Shields: 2D
Sensors:
- Passive: 20/0D
- Scan: 40/1D
- Search: 80/2D
- Focus: 4/2D+2

Weapons:
- 1 x F-Z0 antipersonnel blaster cannon
  - Scale: Character
  - Fire Arc: Front
  - Fire Control: 2D
  - Space: 1/3/7
  - Atmosphere Range: 50-100/300/700m
  - Damage: 5D

Complement:
- 2 125-Z treadspeeder bikes

Description: The AAL-1971/9.1 Troop Transport, also known as an Atmospheric Assault Lander (AAL), First Order Transporter, or First Order shuttle was an armored troop carrier operated by the First Order designed to ferry up to twenty stormtroopers from orbital vessels to planetary surfaces.

Characteristics
The Sienar-Jaemus Army Systems's Atmospheric Assault Lander was a combat-zone rapid-deployment transport designed to ferry twenty stormtroopers into combat in less than thirty

seconds. Measuring 17.83 meters in length, it carried an additional gunner and veteran TIE pilot. It featured a disembarkation ramp at the front of the vessel, where two squads of stormtroopers in a low-light troop compartment (to preserve trooper's night vision) would disembark as a bright spotlight above the ramp brightened the landing zone, dazzling the enemy in the process. Located directly behind the searchlight was a forward deflector augmenter and sensor array. On top of the front section of the craft, there was a troop compartment emergency hatch. The cockpit was located near the stern, and was so narrow that the pilot was required to stand when operating the lander.

The transport was maneuvered by a single veteran TIE pilot in a small, rectangular space above the vessel to provide maximum visibility, but could be controlled via consoles in the crew compartment below—albeit with less precision. Assault lander pilots were not generally concerned by the exposed vantage point, but complained of the ship's lack of maneuverability compared to that of a starfighter. The lander had two pairs of robust landing gear underneath for hard landings, and had one ramp actuator on either side of the front to stabilize the craft when the ramp was lowered. The lower sides of the craft included atmospheric ducting, heat exchanger fins, atmospheric processing, and life support systems, as well as the forward repulsor array used during landing. On the outside were two pairs of terrain sensors near the stern. The troop cabin was also large enough to accommodate a pair of 125-Z treadspeeder bikes. It was also possible to destroy an AAL by setting it to self-destruct, something Jarek Yeager showed during the rescue of Tamara Ryvora.

Armament and defenses
A single stormtrooper gunner protected the lander during its final approach to the drop zone, scanning the terrain from an elevated dorsal turret mounting a F-Z0 antipersonnel blaster cannon. The turret provided a 240-degree field of fire and could also be maneuvered from the crew compartment, while an elevating footplate raised the gunner into position. The blaster turret power cells were located in front of and beneath the gunner. A deflector shield generator was located on top of the craft, with a main forward deflector projector located slightly in front of it. Inside the prow was a forward deflector augmenter and sensor array for extra protection further up the front of the vessel, located behind the spotlight. Each lander had a smooth, armored hull that used voids of inert gas to dampen blaster bolt impacts, with additional external armor used to protect the engines from incoming fire.

Stormtroopers were deployed the moment the boarding ramp was lowered, with a first group of troopers rushing out to establish a perimeter. To do this, the soldiers often used FWMB-10 repeating blasters, which offered a good cover fire. Two squads, consisting of twenty soldiers, would disembark in standard two-abreast formation, and could begin combat operations in as little as thirty seconds, allowing the lander to evacuate the drop zone. The gunner would maintain his or her position until the drop zone was secured by the deployed troops, while the pilot acted as spotter to identify any threats.

Propulsion systems
Each craft was powered by a reactor located in a sturdy reactor compartment in the rear, and featured four SJAS-210 sublight ion engines that were kept powered up during landings in the event rapid extraction was required. These engines required numerous reactant ducts and pumps and an acceleration compensator to function fully. Furthermore, to give the pilot greater control of the craft, electromagnetic thrust vectoring fins were stationed over the engines' exhaust, and ion drive thrusters, an ion collision bar and ion acceleration chambers further improved the assault lander's maneuverability. Additionally, several power cells were located underneath the engines, sheltered under the frame of the vessel.

History

The Atmospheric Assault Lander was used by the First Order 30 years after the Battle of Endor. They were used to deploy stormtroopers to restore order to the Pressy's Tumble refinery complex in the Pressylla system.

Commander Poe Dameron of the Resistance had access to one, labeled 226, and he used it on the mission to discover Admiral Gial Ackbar's location after the admiral had been captured by the First Order. Dameron diverted to a planet to rescue the protocol droid C-3PO.

Two of the transports were deployed on an assault platform during the search for the famed explorer Lor San Tekka.

During the occupation of Castilon's Colossus platform, the First Order used the transports to deport residents who had been arrested for defying them. When Z'Vk'Thkrkza, Hype Fazon, Grevel, and Nod were to be sent away in a transport, Kazuda Xiono and Torra Doza helped them overpower their stormtrooper escort and steal the ship so they could escape the planet. Aunt Z decided that she and Fazon would go to Takodana, where she had a friend, and Fazon flew the transport offworld. The two picked up Xiono's distress call and later returned just in time to aid Xiono and the rest of the Colossus in escaping the planet and the First Order. When the Colossus' trans-binary deflector began breaking down and resulting in the threat of lethal cosmic radiation, Xiono, Neeku Vozo, and CB-23 used the same stolen First Order transport as a disguised to the same type of supertanker fuel depot, the Titan controlled by the First Order to infiltrate the station to get the new trans-binary deflector. A year later, the Colossus Resistance used their stolen AAL to rescue Tamara Ryvora from the ocean planet Castilon. However, they were captured and taken on board Commander Pyre's Star Destroyer where they escaped by crawling out from beneath the landing gear and they set the ship to self-destruct. Before the destruction of the Star Destroyer, they commandeered the transport, with Kaz telling Torra to not fire on them as they escaped.

Just after the mission to Pressy's Tumble, four Assault Landers and Kylo Ren's command shuttle departed from the Resurgent-class Star Destroyer Finalizer and arrived at Tuanul, a village on Jakku, to discover information about Jedi Master Luke Skywalker's exile. The landers deployed multiple squads of stormtroopers, who proceeded to engage in combat with the villagers. When Dameron was captured, two stormtroopers dragged Dameron onto one of the troop shuttles. Returning to the Finalizer, FN-2187 felt significant stress from the mission, taking off his helmet inside an AAL to breathe and in order to vomit after witnessing the events on Jakku. Captain Phasma quickly noticed his distress and lack of helmet, and told him to submit his blaster to be checked, making sure he fired a shot. The landers were also used to deploy stormtroopers to Takodana Castle on Takodana in an attempt to secure BB-8, an astromech droid which had been given the information leading to Skywalker.

Several AAL-1971/9.1 Troop Transports were deployed during the assault on Naboo.

During a mission on Pasaana, the First Order used two such crafts to deploy stormtroopers and to transport Chewbacca, who was captured during the mission. Rey later destroyed one of the transports with Force lightning, after she got into a tug of war with Supreme Leader Kylo Ren. When the First Order occupied the world Kijimi, they used their Assault Landers to take prisoners and "new recruits" back to the orbiting Star Destroyer.

Legacy

The Sith Eternal military employed the AAL-2100/9.5 atmospheric assault lander, an updated model of the AAL-1971/9.1 Troop Transport, during the Battle of Exegol.

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